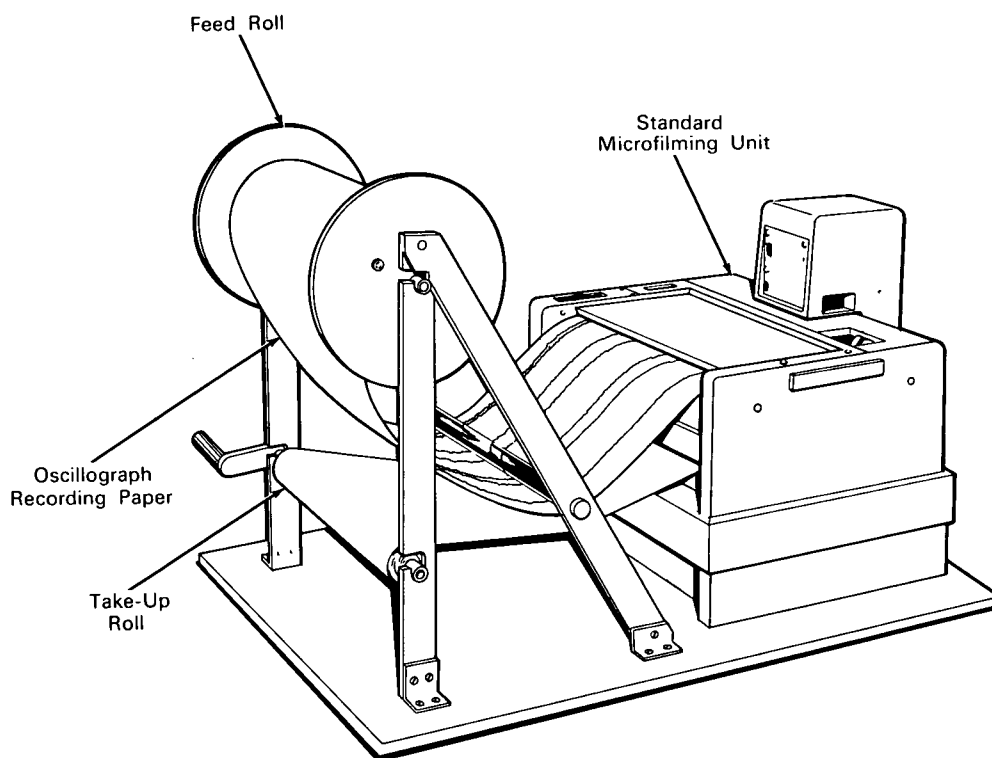


NASA TECH BRIEF



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Manual-Feed Adapter Permits Microfilming of Continuous Oscillograph Output



The problem: During the course of a single nuclear reactor test run, 10 miles of oscillograph recording paper were used to record instrumentation data. Two "manageable" copies of these data were required to be produced at the lowest possible cost.

The solution: A manual-feed adapter used in conjunction with a standard microfilm recording unit.

How it's done: The simple, hand-cranked adapter is mounted adjacent to the microfilm recording unit

and the oscillograph recording paper is fed continuously. Two thousand feet of the oscillograph paper is handled per feed roll and microfilmed at a rate of 70 feet per minute.

Notes:

1. This method reduced the 10 miles of records to 26 100-foot rolls of 16-mm film.
2. If necessary the microfilm, or any portion, can be enlarged and printed full size; however, viewing with a standard microfilm reader gives excellent results.

(continued overleaf)

3. Inquiries concerning this innovation may be directed to:

Technology Utilization Officer
AEC-NASA Space Nuclear Propulsion Office
U.S. Atomic Energy Commission
Washington, D.C., 20545
Reference: B65-10249

Patent status: NASA encourages commercial use of this innovation. No patent action is contemplated by NASA.

Source: J. Bennett of
Westinghouse Astronuclear Laboratory
under contract to
Space Nuclear Propulsion Office
(NU-0029)